Index for 1971

A

Aerospace program?, Can we afford the loss of momentum in the nations, September 1971, 36
Applied exobiology, November 1971, 34
Apollo
  An assessment, August 1971, 4
  Docking the, May 1971, 41
  Drama of 14 moon landing depicted, July 1971, 28
  14, Electrophoresis demonstration planned for, April 1971, 28
  14, The modified cryogenic oxygen tanks for, June 1971, 14
  15 landing site, February 1971, 45
  15, On the moon with, October 1971, 4
  15 timeline, August 1971, 36
  Optical bar panoramic camera, November 1971, 16
Apollo spacecraft find their way to the moon, How, May 1971, 16

C

Cosmos satellites, 400, August 1971, 24

D

Doubts about technology: Are they valid?, August 1971, 14

E

Earth surveys module, Concept of, March 1971, 15
Einstein theory upheld, April 1971, 24
Exploration of the moon: some aspects of legal regulation, November 1971, 27

F

French space technology, September 1971, 23

G

German-U.S. Barium-ion cloud experiment, July 1971, 38
Giant antennas—for use in deep space probes, December 1971, 37

I

Intercosmos: Space program of socialist countries, April 1971, 36
International Programs, March 1971, 10
Israel's Gabriel—Top Defense Missile, January 1971, 23

L

Lead—The "Clydesdale" workhorse in space, April 1971, 16
Luna 16's trophies, June 1971, 18
Lunar rover and its navigation system, July 1971, 44
Lunar roving vehicle, December 1971, 12
Lunokhod 1
  Important navigation experiment performed, May 1971, 48
  On the expansion of the universe, April 1971, 46
  Thirty-five days of work on the moon, May 1971, 35

M

Manned space flight, March 1971, 42
Manned space laboratory airlock passes pre-flight tests, March 1971, 38
Mars is nearing Earth, July 1971, 4
Mars like?, What is, August 1971, 40
Mars mission, Photo story of 1981, March 1971, 23

XUM

Index for 1971

A

Aerospace program?, Can we afford the loss of momentum in the nations, September 1971, 36
Applied exobiology, November 1971, 34
Apollo
  An assessment, August 1971, 4
  Docking the, May 1971, 41
  Drama of 14 moon landing depicted, July 1971, 28
  14, Electrophoresis demonstration planned for, April 1971, 28
  14, The modified cryogenic oxygen tanks for, June 1971, 14
  15 landing site, February 1971, 45
  15, On the moon with, October 1971, 4
  15 timeline, August 1971, 36
  Optical bar panoramic camera, November 1971, 16
Apollo spacecraft find their way to the moon, How, May 1971, 16

C

Cosmos satellites, 400, August 1971, 24

D

Doubts about technology: Are they valid?, August 1971, 14

E

Earth surveys module, Concept of, March 1971, 15
Einstein theory upheld, April 1971, 24
Exploration of the moon: some aspects of legal regulation, November 1971, 27

F

French space technology, September 1971, 23

G

German-U.S. Barium-ion cloud experiment, July 1971, 38
Giant antennas—for use in deep space probes, December 1971, 37

I

Intercosmos: Space program of socialist countries, April 1971, 36
International Programs, March 1971, 10
Israel's Gabriel—Top Defense Missile, January 1971, 23

L

Lead—The "Clydesdale" workhorse in space, April 1971, 16
Luna 16's trophies, June 1971, 18
Lunar rover and its navigation system, July 1971, 44
Lunar roving vehicle, December 1971, 12
Lunokhod 1
  Important navigation experiment performed, May 1971, 48
  On the expansion of the universe, April 1971, 46
  Thirty-five days of work on the moon, May 1971, 35

M

Manned space flight, March 1971, 42
Manned space laboratory airlock passes pre-flight tests, March 1971, 38
Mars is nearing Earth, July 1971, 4
Mars like?, What is, August 1971, 40
Mars mission, Photo story of 1981, March 1971, 23

XUM

Mars?, Primitive life on, July 1971, 32
Mars, Super hurricanes on, November 1971, 37
Mars tracking station, The, August 1971, 21
Model rockets useful teaching aids, April 1971, 41
Modular space power system under study, New, July 1971,36
Moon, Take-off for the, May 1971, 23
Moon tires are flat tires on Earth, September 1971, 9
Moon: Traveling on wheels, The, April 1971, 25

N

NASA records results, 1970, May 1971, 46
NASA's manned space flight network, April 1971, 31
NEO Space—The case for the space program, December 1971, 27

O

Once a fighter pilot. . ., April 1971, 20
Orbiting station to provide direct benefits to Earth, March 1971, 20
Orbit-to-Orbit shuttle takes shape, January, 1971, 38

P

Perpetual motor of the universe, August 1971, 38
Planet rovers of the future, June 1971, 45
Planetary atmosphere experiments test, September 1971, 28

R

Reliability of automation versus manned spaceflight, August 1971, 31
Rocket engines, Controlling the thrust of, May 1971, 30
Rockets work, How, January 1971, 13
Rocketry's ageless wonder, May 1971, 4

S

Salute—Man's first manned orbital station, The, September 1971, 4
San Marco-C, The Italian, August 1971, 28
Satellites are tracked and data acquired, How, August 1971, 10
Satellites
  Environmental Sentries, March 1971, 16
  Explorer 43, June 1971, 36
  Intelsat IV, April 1971, 4
  ISIS-B, The ionosphere, July 1971, 38
  Mariner Mars 1971 launches, July 1971, 11
  OAO-B—World's largest space astronomy telescope, April 1971, 10
  OSO-H—to continue study of the Sun, December 1971, 4
Science and technology: 'A positive outlook', November 1971, 24
Soviet cosmonauts and satellites, June 1971, 21
Soviet self-propelled lunar space chariot, The, April 1971,
Soviet space flights in 1970, June 1971, 34
Soviet spacemen eat, What?, March 1971, 40
Soviets mark 10th anniversary of Yuri Gagarin's spaceflight, June 1971, 4
Soyuz 10 crew, Biographical data on the, August 1971, 8
Space automation, The case for, March 1971, 36
Space, Benefits from, September 1971, 39
Space exploration and reserach, The progress of, September 1971, 12
Space exploration, Automatic devices for, January 1971, 33
Space exploration, The importance of, April 1971, 44
Space exploration, U.S.-Soviet agreement for cooperation in, July 1971, 30
Space meteorology, July 1971, 31
Space, On revitalizing, November 1971, 32
Space platforms: Why they should be built, August 1971, 34
Space program—Pro and con, The, December 1971, 32
Space science and applications, April 1971, 38
Space shuttle, June 1971, 43
Space Shuttle, Liftoff to economy, The, November 1971, 11
Space Station
  Key to the future, February 1971, 6
  Life support experiment, March 1971, 7
  Research, January, 1971, 4
  Skylab—the 12-man orbiting, March 1971, 4
Space-Weather experiment proposed, January 1971, 42

T

Telescope in a balloon, November, 1971, 4

U

U.S. manned space flight, 10th anniversary of, August 1971, 17

V

Venus: What we know about this planet, June 1971, 33
Visibility problem in docking, March 1971, 21
Vostok spaceship was developed, How the, August 1971, 26

W

Water on the moon, Astronaut to set off explosions in search for, April 1971, 43

CREDITS

Pages 4, 5, 7, 8: Ball Brothers Research Corp.
Page 12: Teledyne Ryan Aeronautical.
Pages 13 & 18: Boeing Company.
Pages 16 & 17: Delco Electronics.
Pages 21-23: Grumman.

XUM